

Cognizant Academy

KASA IT Finishing School - Feedback Automation

HTML Technologies Knock Out Challenge

Version 1.0

	Prepared By / Last Updated By	Reviewed By	Approved By
Name			
Role			
Signature			
Date			

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1.0 Introduction

1.1 Purpose of this document

KASA IT Finishing school conducts Corporate and initial training programs for many companies and colleges. Feedback is provided by the participants once the training is over. The organization wants to make the process much easier by automating the Feedback received. To start with they plan to automate the feedback received from the Colleges.

The requirement is to design a web page for Collecting the training feedback form filled by the participant for the trainer. Design a Web page that requires the participants to provide all the details required for the feedback. Create a Web page "College Training Feedback Form" that has the following fields such as participant name, college name, participant address, gender, email, mobile number, trainer name, course name, course completion date and trainer's feedback rating and the Feedback has to be displayed. The styles have to be applied using CSS3 and the feedback is displayed using Javascript.

1.2 Definitions & Acronyms

Definition / Acronym	Description
Nil	

1.2 Project Overview

This project enables to implement the concepts of Web technologies such as HTML5, CSS3 and Javascript, and helps to acquire the skills required by a Web designer. The HTML5, CSS3 and Javascript requirements are given precisely so that the associate can implement the various concepts learned in all these web technologies. The individual associate is expected to carry out the knock out challenge and complete it within 2 hours.

1.3 Scope

The scope of KASA IT Finishing school – Feedback Automation is focused on the following

1. Designing a Web page "College Training Feedback Form" with the specified fields.
2. Applying the styles using CSS to the components.
3. Using JavaScript for displaying the feedback

1.4 Target Audience

Learner Level

1.5 Hardware and Software Requirements

1.5.1 Hardware Requirements

#	Item	Specification/Version

1.5.2 Software Requirements

#	Item	Specification/Version
1.	HTML	5
2.	CSS	3
3.	Javascript	

Note: All the required hardware and software will be provided in the TekStac platform

2.0 Functional Requirements

2.1 Functional Requirements

Req. #	Req. Name	Req. Description		
1	Design a Web page "College Training Feedback Form" with the specified fields.	Label Name	Component Name	Description
		Participant Name	participantName	To enter the name of the participant. The name should accept only letters and space. The text "Enter your name" should be displayed by default in the text box. When the user starts entering the value, this text should disappear.
		College Name	collegeName	To enter the college name of the participant.
		Participant Address	participantAddress	To enter the address of the participant. Provide the correct tag and attribute to create a text area with 5 rows and 20 columns.
		Gender	gender	Select the gender. Provide the correct input type to make this component a radio button.
		Email ID	email	To enter the email of the participant. This field should accept a valid email.
		Mobile Number	mobileNumber	To enter the mobile number. The mobile number should accept only digits. It should contain 10 digits and start with 9/8/7.
		Trainer's Name	trainerName	To enter the trainer's name

		<table><tr><td>Course Name</td><td>courseName</td><td>To enter the course name for which the feedback is being provided</td></tr><tr><td>Course Completion date</td><td>dateofcompletion</td><td>To select the date of completion of the course</td></tr><tr><td>Trainer's Feedback</td><td>trainerFeedback</td><td>An auto-complete feature should be available to the user for the following options. Excellent, Very Good, Good, Average, Below Average (Name of the auto-complete feature should be "feedback". Use DataList to make use of auto-complete feature).</td></tr><tr><td>Submit Feedback</td><td>submit</td><td>Submit button. On clicking this button, the Feedback result should be displayed on the same page, after displaying it should remain on the same page.</td></tr><tr><td>Clear</td><td>Reset</td><td>Reset Button. On clicking this button, all fields should be reset.</td></tr></table>	Course Name	courseName	To enter the course name for which the feedback is being provided	Course Completion date	dateofcompletion	To select the date of completion of the course	Trainer's Feedback	trainerFeedback	An auto-complete feature should be available to the user for the following options. Excellent, Very Good, Good, Average, Below Average (Name of the auto-complete feature should be "feedback". Use DataList to make use of auto-complete feature).	Submit Feedback	submit	Submit button. On clicking this button, the Feedback result should be displayed on the same page, after displaying it should remain on the same page.	Clear	Reset	Reset Button. On clicking this button, all fields should be reset.
Course Name	courseName	To enter the course name for which the feedback is being provided															
Course Completion date	dateofcompletion	To select the date of completion of the course															
Trainer's Feedback	trainerFeedback	An auto-complete feature should be available to the user for the following options. Excellent, Very Good, Good, Average, Below Average (Name of the auto-complete feature should be "feedback". Use DataList to make use of auto-complete feature).															
Submit Feedback	submit	Submit button. On clicking this button, the Feedback result should be displayed on the same page, after displaying it should remain on the same page.															
Clear	Reset	Reset Button. On clicking this button, all fields should be reset.															
		<p>NOTE: The text highlighted in bold in the Description needs to be implemented in the code to complete the web page design. Use the Label Name and the Component Name as given</p> <p>All validations should be based on HTML 5 (Do not use Javascript). All the fields are mandatory</p>															
2	Apply the mentioned styles using CSS to the components.	<p>1. Body color should be "#FFAACC".</p> <p>2. The headings should be done using <h1> tag, the text color should be "#770080", font should be "Courier New", style should be "italics" and it should be aligned to center of the webpage.</p> <p>3. The result should be bold and color of the text should be #770080.</p> <p>Note: Fill in the style tag so that the given styles are applied to the components. (Do not use Inline CSS)</p>															
3	Use JavaScript for displaying	<p>Use JavaScript for doing the following calculation:</p> <p>When the participant enters the valid values and clicks the "Submit Feedback" button the feedback for the trainer has to be displayed</p>															

the feedback

based on the following assumptions :

Feedback	Feedback Rate
Excellent	5
Very Good	4
Good	3
Average	2
Below Average	1

The result is displayed as “Feedback rating of `trainerName` is `feedbackRate / 5`. Given by participant – `participantName`” in a `div` tag with id “`result`”.

Note: Use `getElementsByName` or `getElementById` function to retrieve the values.

3.0 Design Specification

3.1 UI Design

Sample Webpage:



College Training Feedback Form

Participant Name

College Name

Participant Address

Gender ☐ Male ☐ Female

Email ID

Mobile Number

Trainer's Name

Course Name

Course Completion date

Trainer's Feedback

On providing the values the web page should look as follows :

Output Webpage:

College Training Feedback Form

Participant Name	James Franklin
College Name	ABC Engg College
Participant Address	60, Nehru Street Chennai
Gender	<input type="radio"/> Male <input checked="" type="radio"/> Female
Email ID	james_frank@gmail.com
Mobile Number	8179645387
Trainer's Name	Raghu
Course Name	Web Technologies
Course Completion date	09-25-2017
Trainer's Feedback	Excellent
<input type="button" value="Submit Feedback"/> <input type="button" value="Clear"/>	

Feedback rating of Raghu is 5 / 5. Given by participant - James Franklin

3.2 General Design Constraints

RULES/CONSTRAINTS: All validations for the field elements should be based on HTML 5

4.0 Submission

4.1 Code submission instructions

1. Do not change the code skeleton given as your code will be auto evaluated.
2. You can validate your solution against sample test cases during the assessment duration.
3. Your last submitted solution will be considered for detailed evaluation.
4. Make sure to submit the solution before the specified time limit. Once the

time is up, you will not be allowed to submit the solution.

5. Change Log

	Changes Made			
V1.0.0	Initial baseline created on <dd-Mon-yy> by <Name of Author>			
Vx.y.z	<Please refer to the configuration control tool / change item status form if the details of changes are maintained separately. If not, the template given below needs to be followed>			
	Section No.	Changed By	Effective Date	Changes Effected